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17119 U.S. PTO

PATENT
Atty. Dkt. AMAT/8244/DSM/BCVD/JW17302 U.S. PTO
10/799146

031204

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE****MAIL STOP PATENT APPLICATION**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**CERTIFICATE UNDER 37 CFR 1.10**

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited on 3/12/04, 2004 with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," mailing label No. EV335471286US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

3/12/04 Date
Emmale Signature

Re:Inventor(s): YUXIANG MAY WANG; SUDHA S.R. RATHI; MICHAEL CHIU KWAN;
HICHEM M'SAADTitle: METHOD OF DEPOSITING AN AMORPHOUS CARBON FILM FOR ETCH
HARDMASK APPLICATION

Transmitted herewith is the patent application identified above, including:

- ☒ Specification, claims and abstract 31 Total Pages
☒ Drawings ☒ Formal ☐ Informal 5 Total Pages
☒ Executed Declaration and Power of Attorney
☐ Information Disclosure Statement with List
☒ Assignment of the Invention to **Applied Materials, Inc.**
☒ Assignment Recordation Cover Sheet

FEE CALCULATION

	NUMBER OF CLAIMS FILED	LESS NUMBER PAID BY BASIC FEE	NUMBER OF EXTRA CLAIMS (Not less than zero)	LARGE ENTITY FEE
Basic Fee				\$770.00
Total Claims	37	- 20 = 17	X \$18 = \$306.00	\$306.00
Independent Claims	3	- 3 = 0	X \$86 = 0.00	\$0.00
First Presentation of Multiple Dependent Claims			+ \$.00	-0-
Total Filing Fee Calculation				\$1076.00

- ☒ The Commissioner is hereby authorized to charge **\$1076.00** to Deposit Account No. **50-1074/8244/DSM/BCVD/JW**. **A duplicate copy of this transmittal is enclosed.**
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **50-1074/8244/DSM/BCVD/JW**. **A duplicate copy of this transmittal is enclosed.**
- ☒ Please address all future correspondence to: ☒ Please direct all telephone calls to:
PATENT COUNSEL **B. Todd Patterson**
APPLIED MATERIALS, INC. **713-623-4844**
Legal Affairs Department
P.O. Box 450A
Santa Clara, CA 95052

Respectfully submitted,

Robert W. Mulcahy, Registration No. 25,436